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FIG. 1.

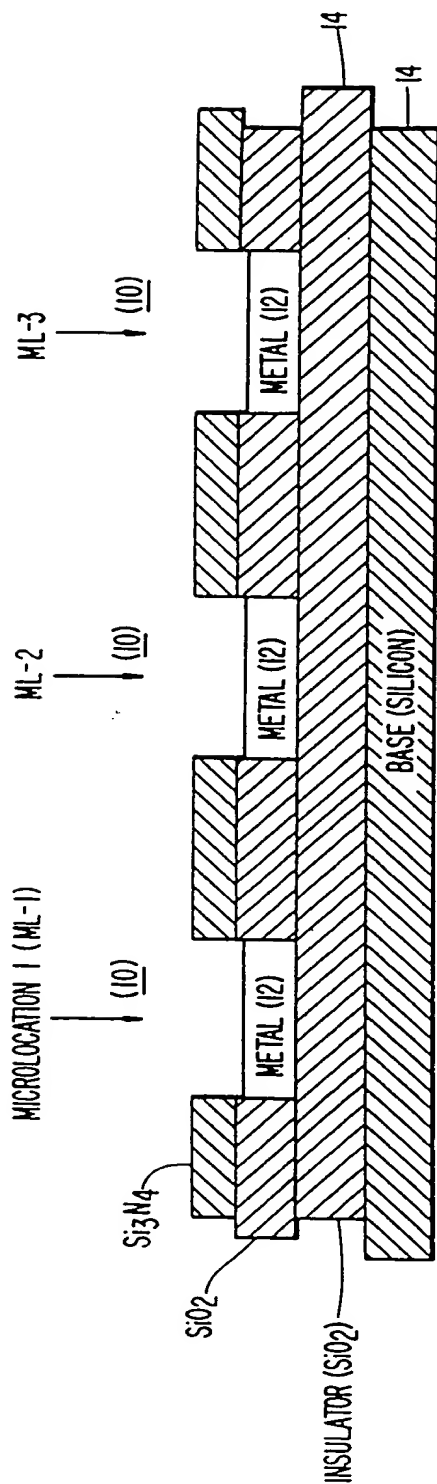
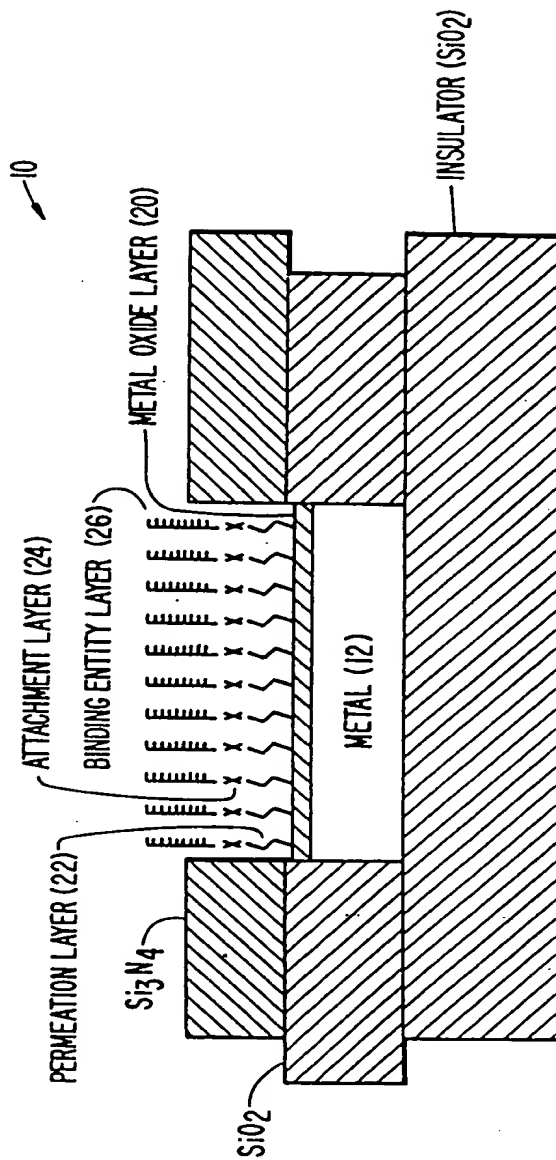


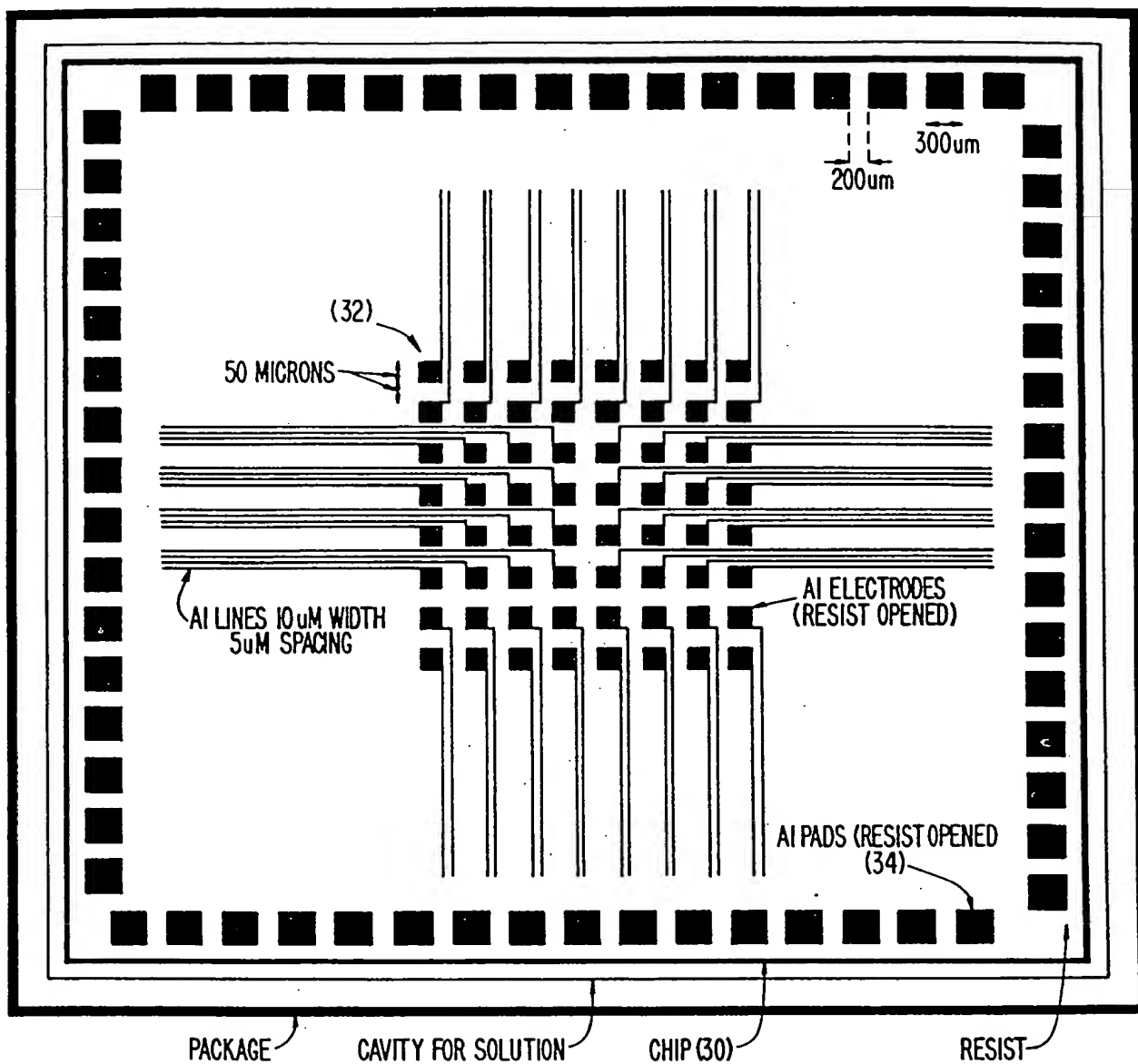
FIG. 2.





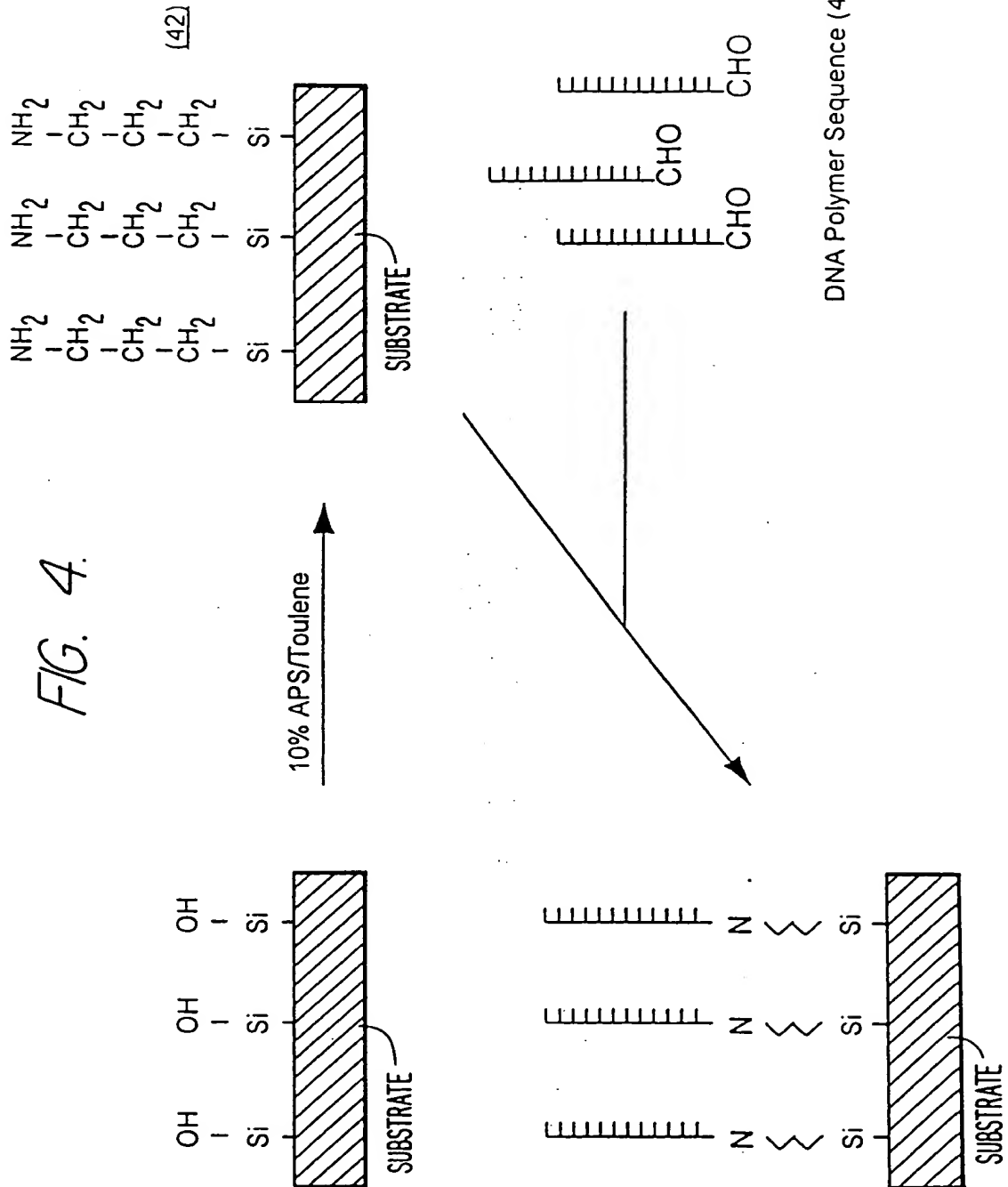
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FIG. 3.





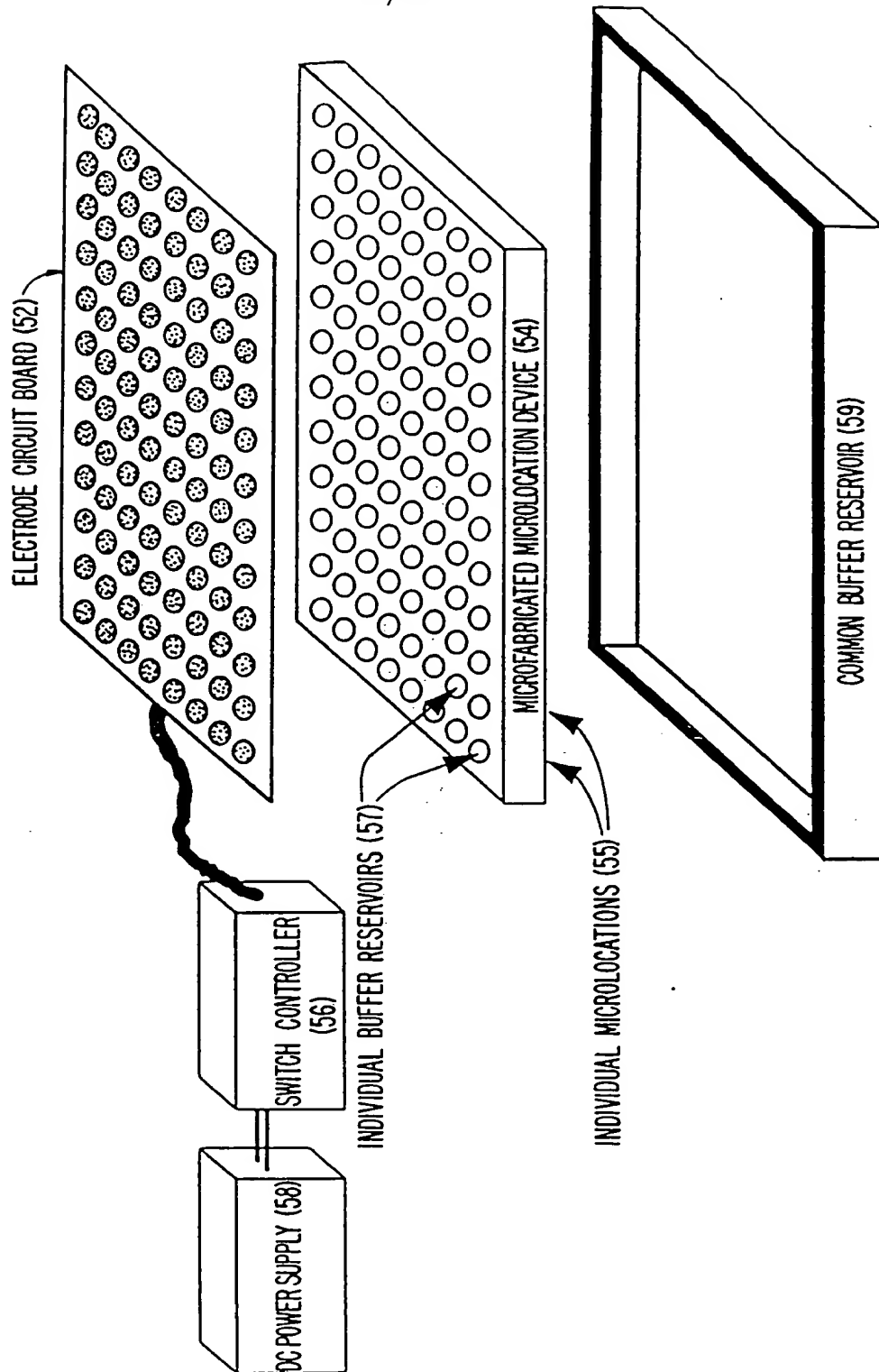
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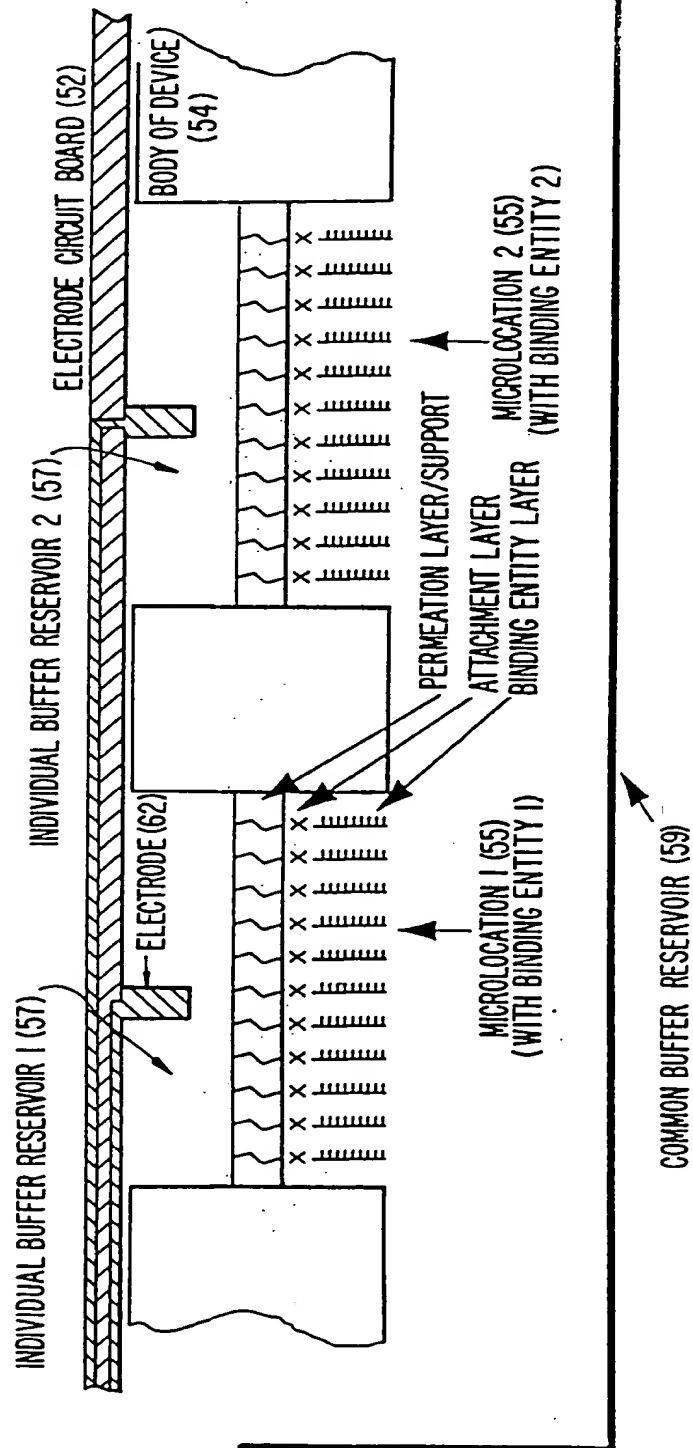
FIG. 5.





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FIG. 6.





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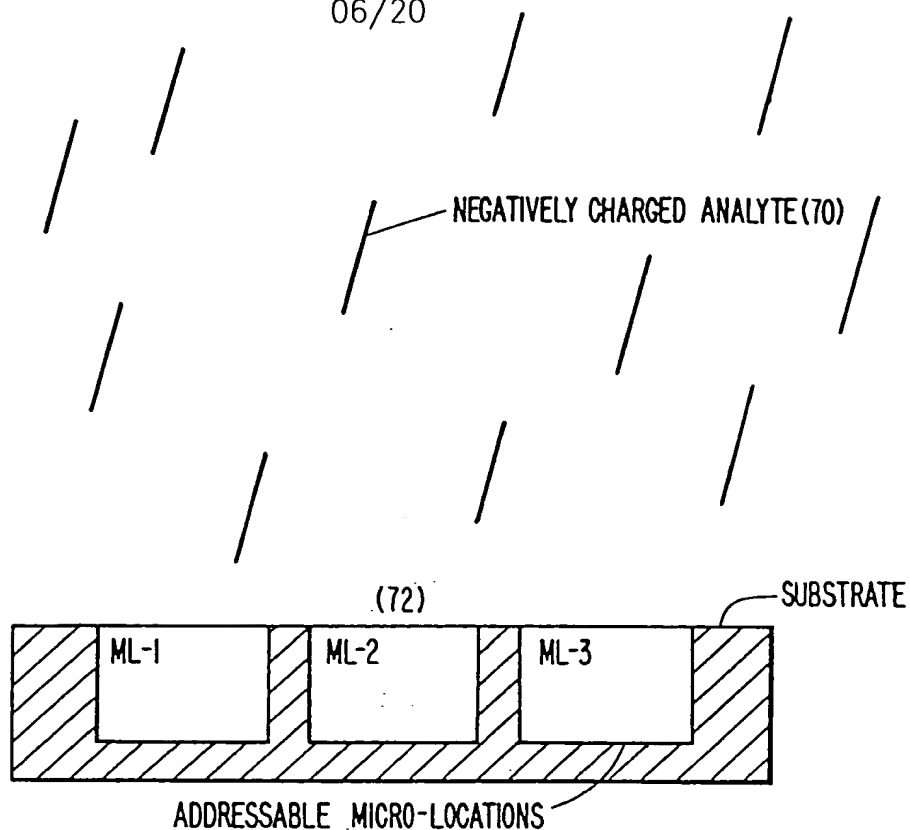


FIG. 7a.

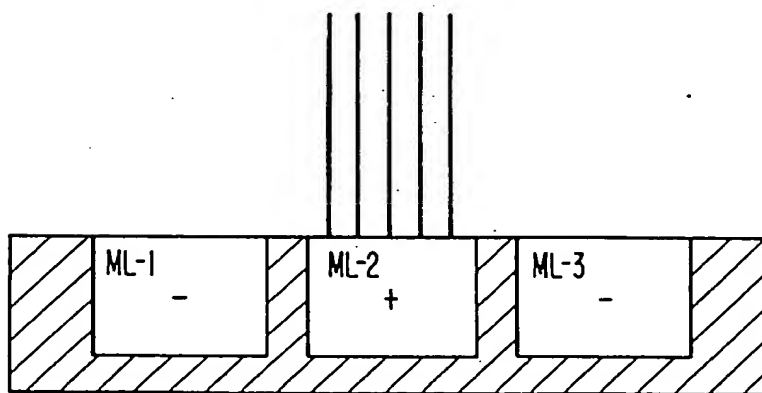


FIG. 7b.



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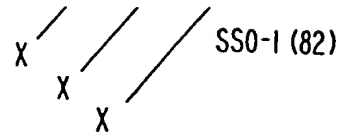


FIG. 8a.

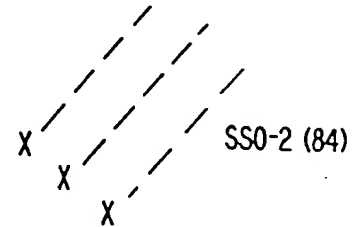
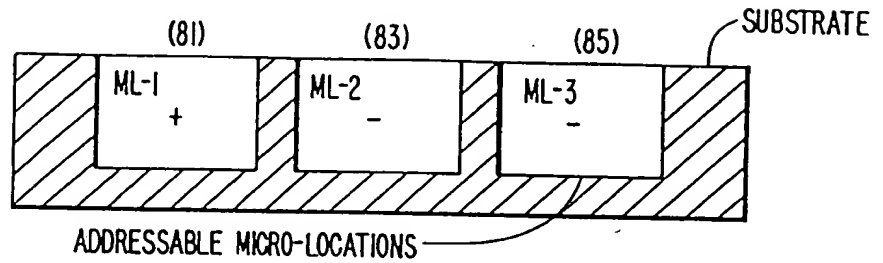


FIG. 8b.

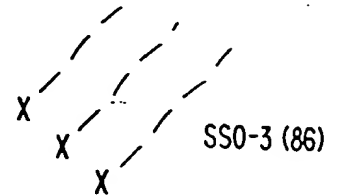
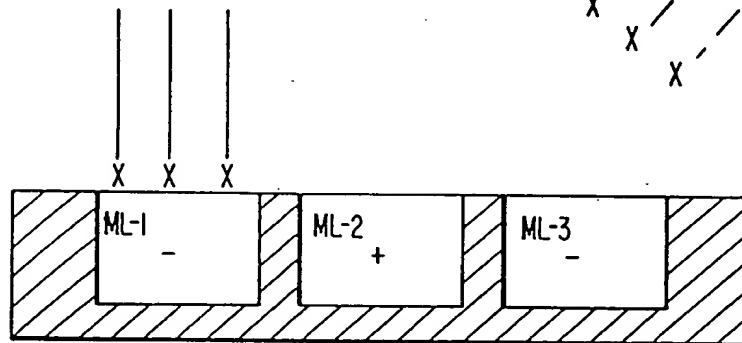


FIG. 8c.

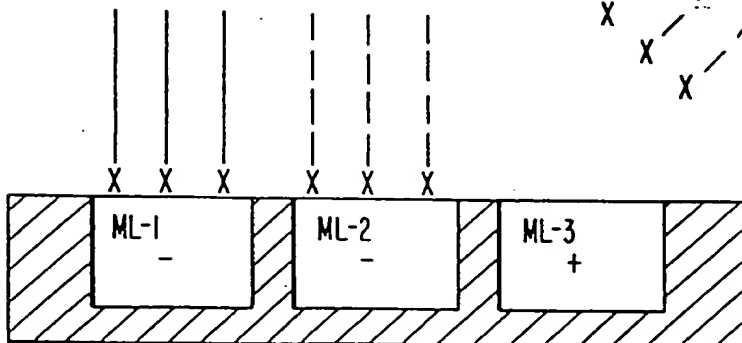
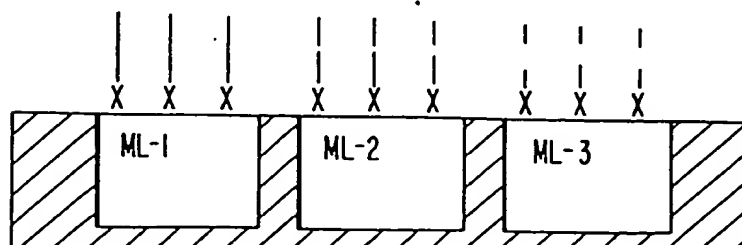


FIG. 8d.





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(90)

FIG. 9a.

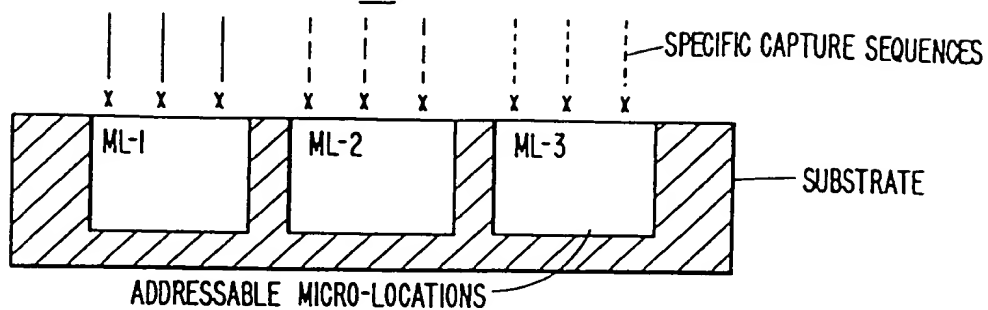


FIG. 9b.

SPECIFIC & NONSPECIFIC DNA
(92)

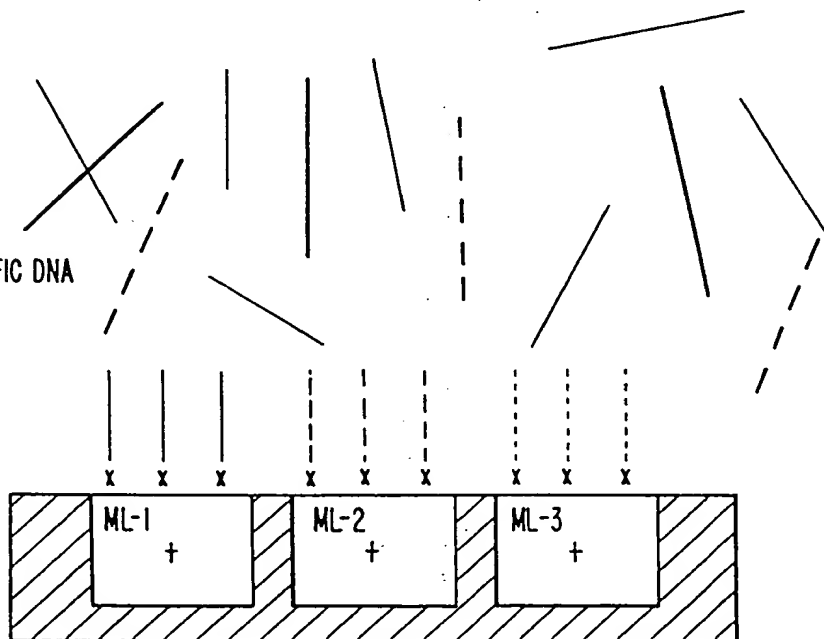
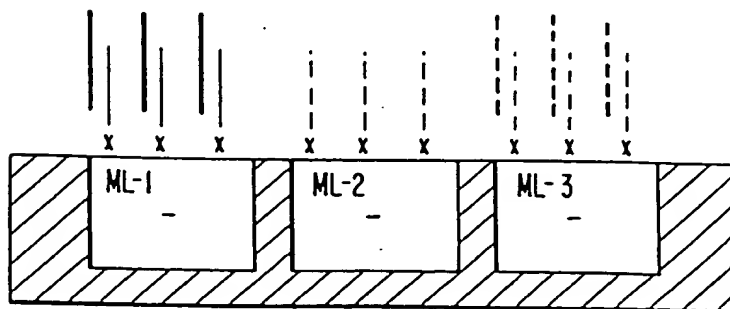
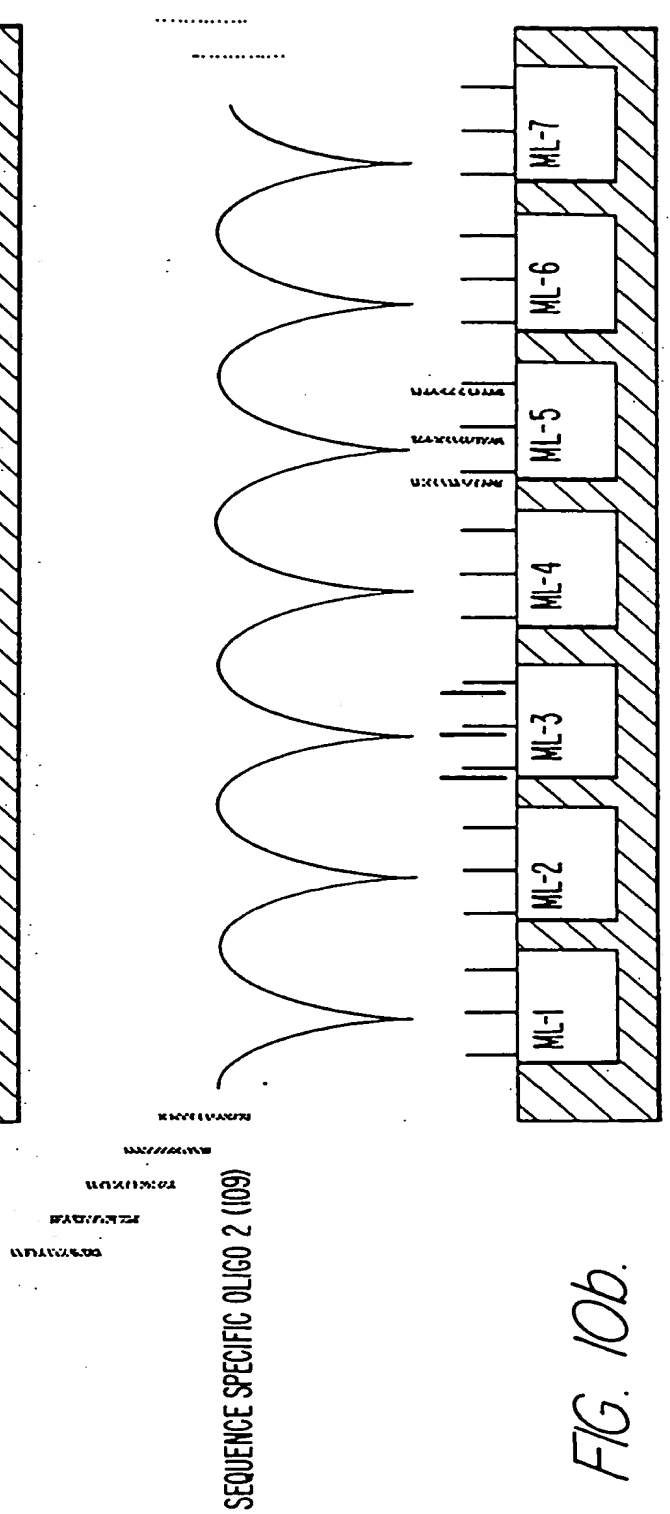
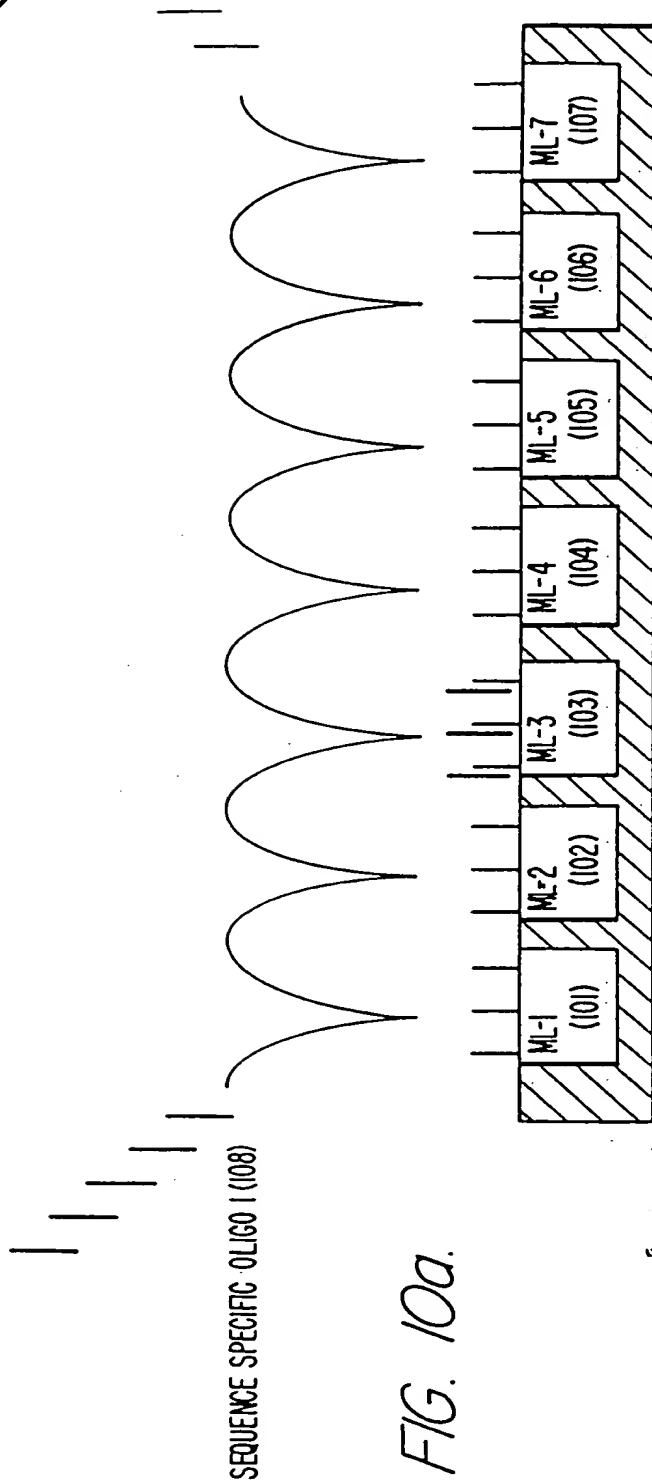


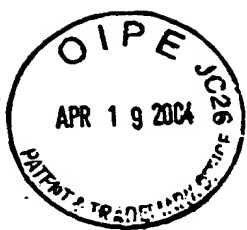
FIG. 9c.





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FIG. 11a.

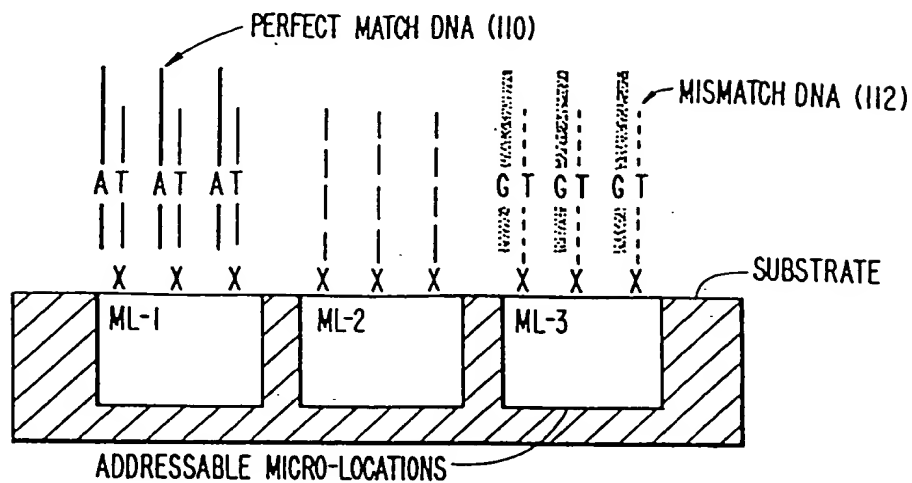


FIG. 11b.

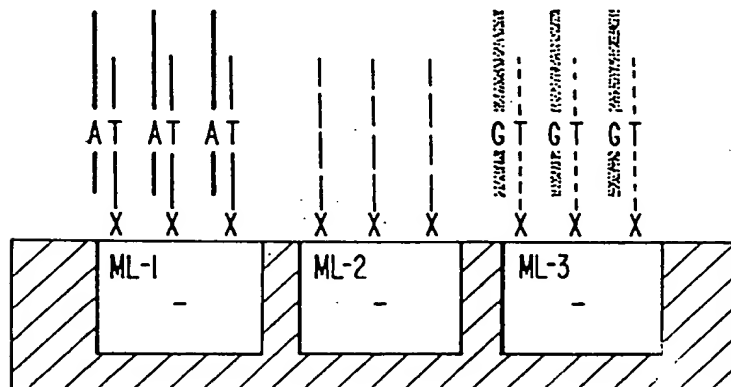


FIG. 11c.

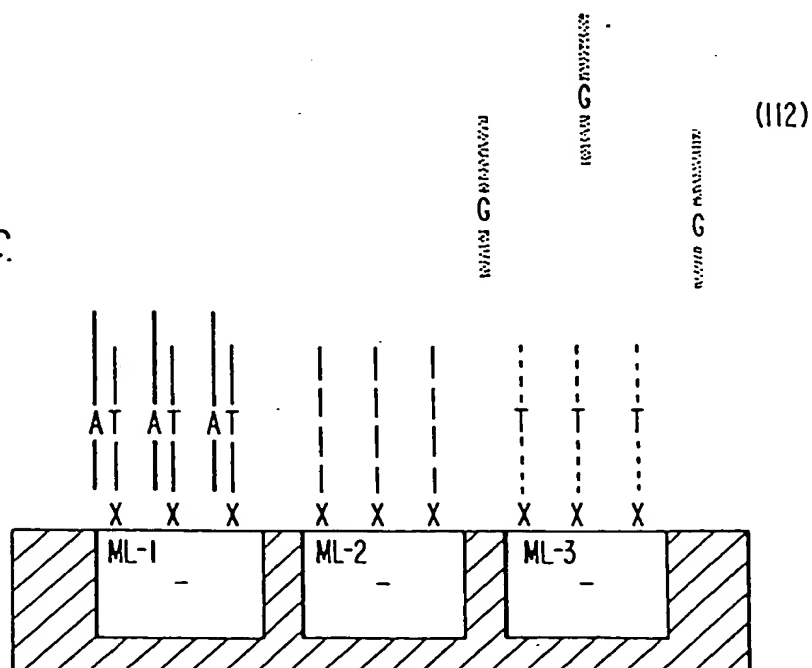


FIG. 12a.

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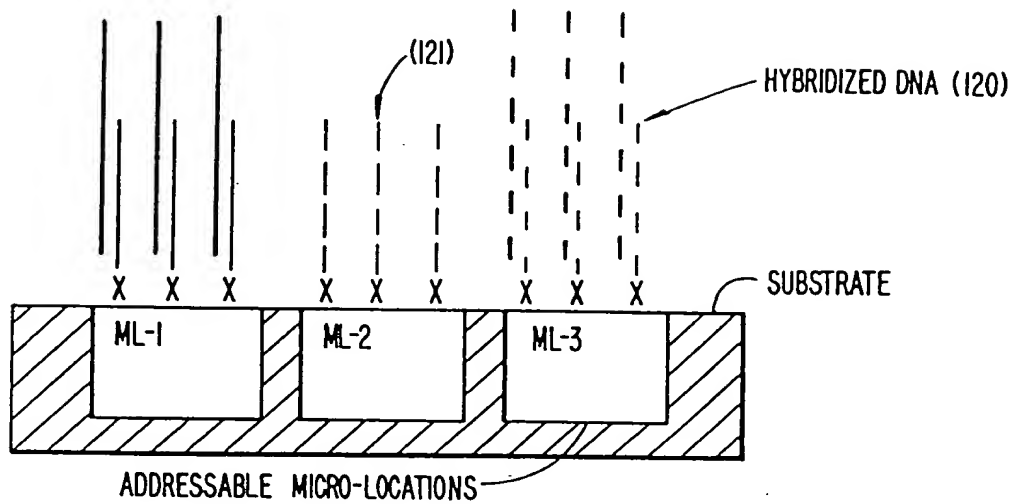
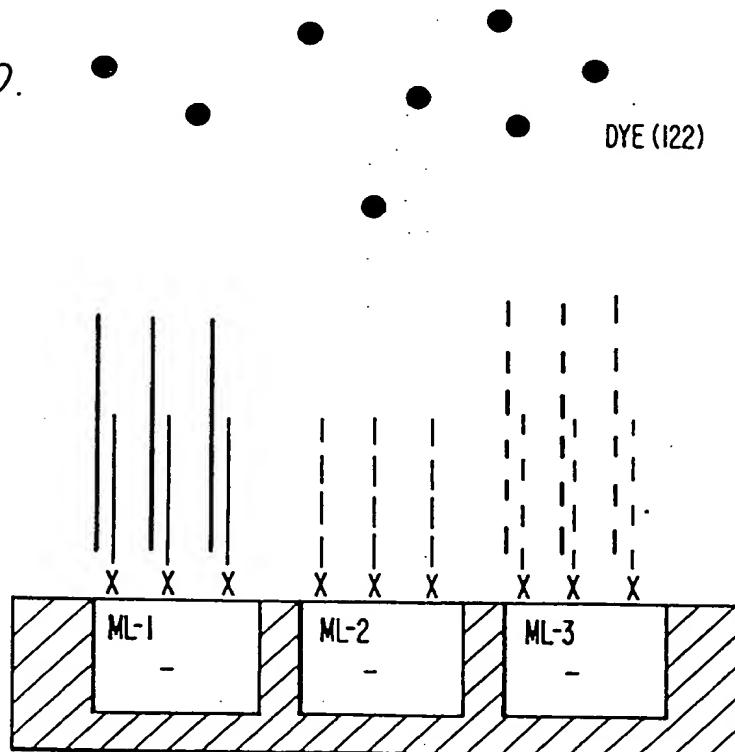


FIG. 12b.





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FIG. 12c.

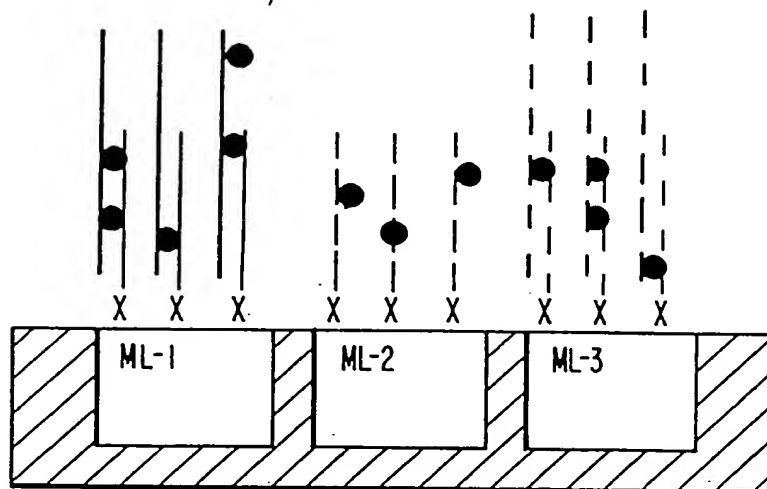
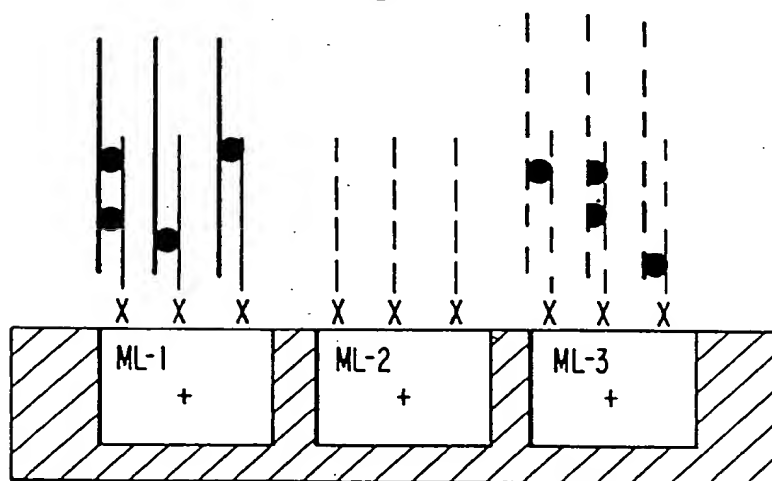


FIG. 12d.





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FIG. 13a.

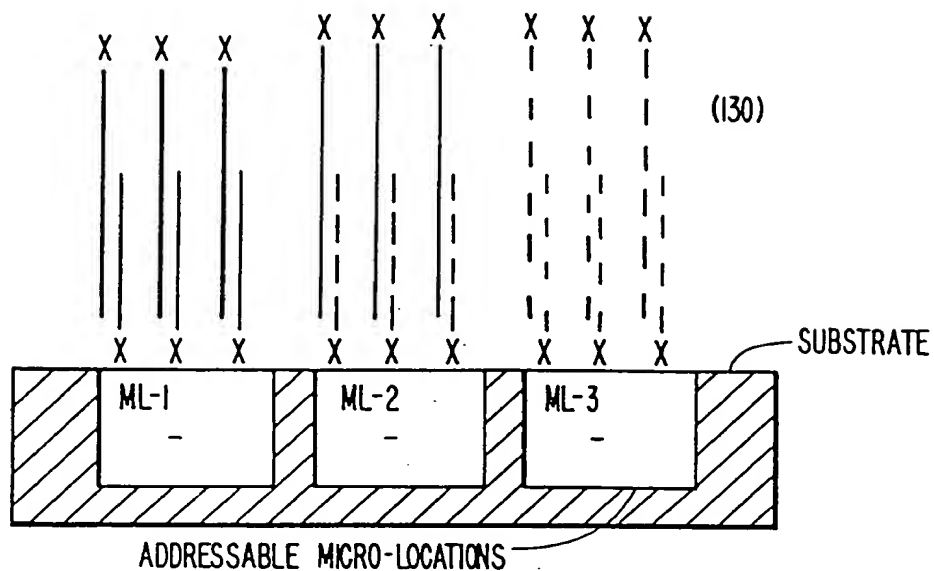
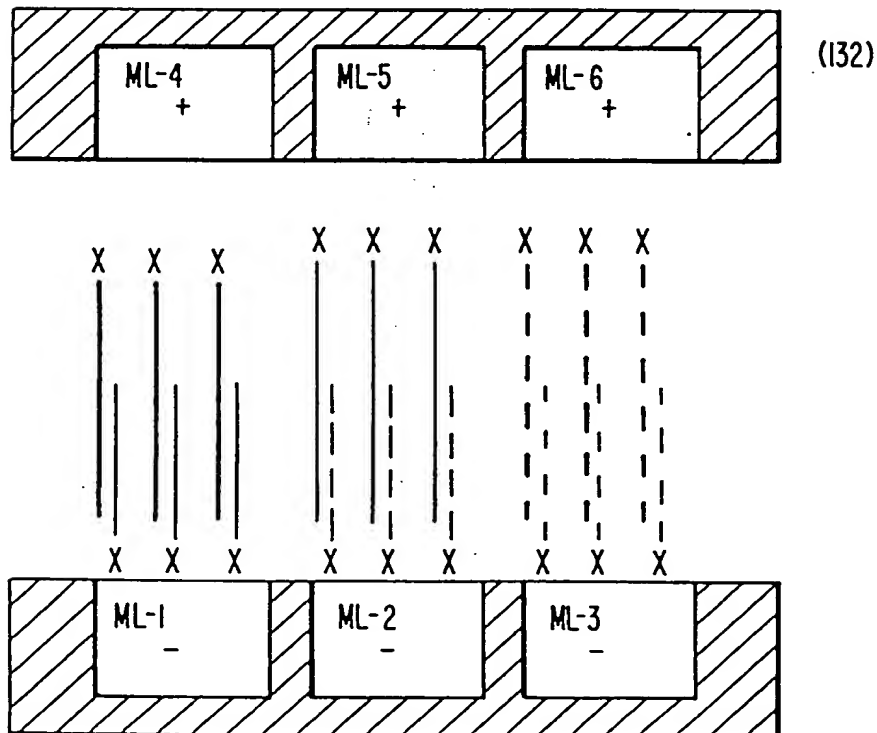
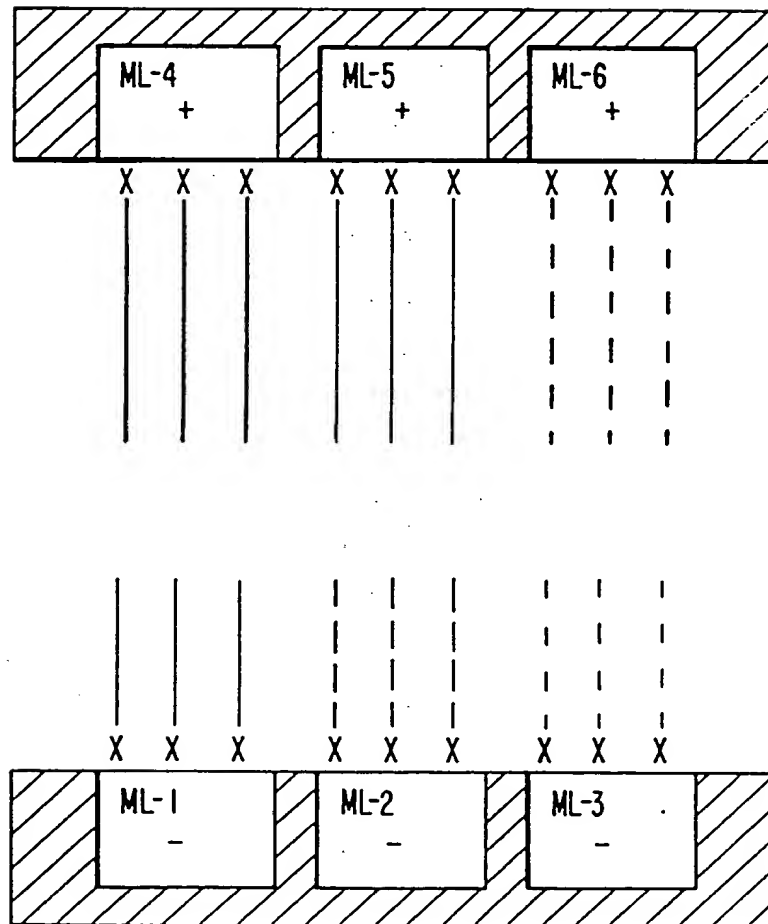


FIG. 13b.





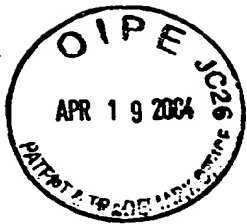


FIG. 14a.

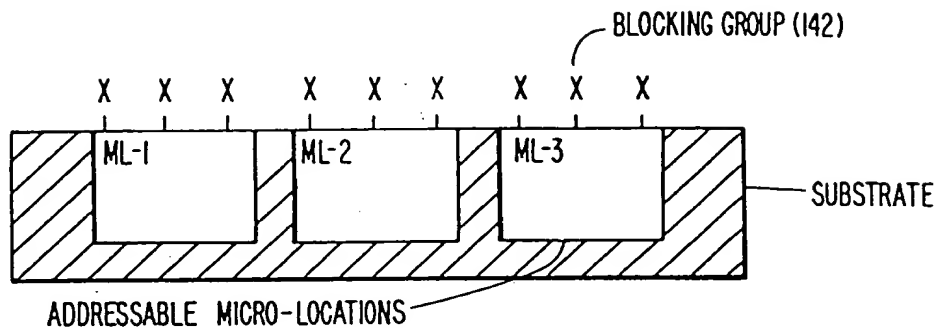


FIG. 14b.

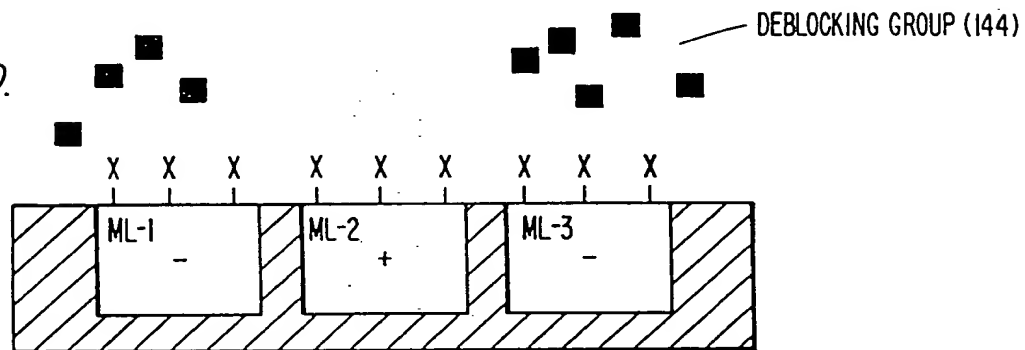
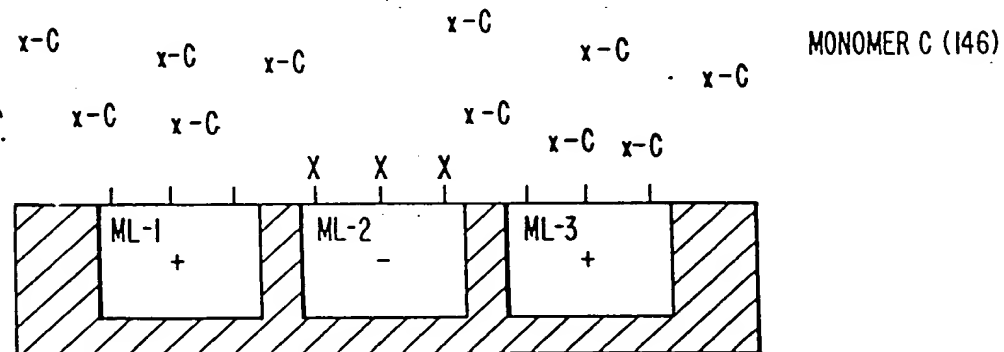


FIG. 14c.



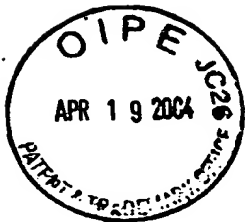


FIG. 14d.

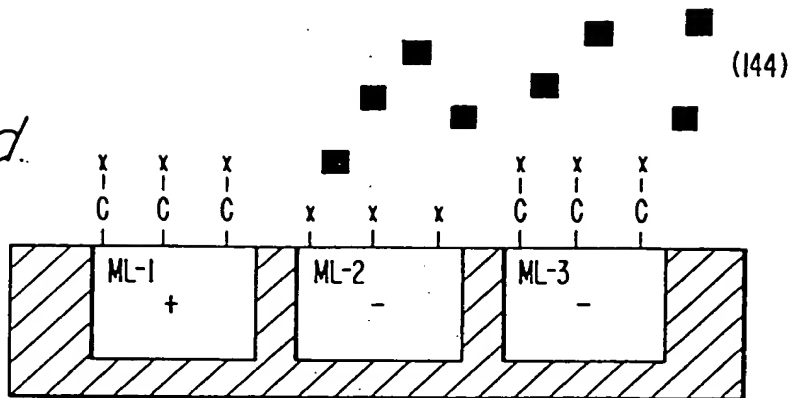


FIG. 14e.

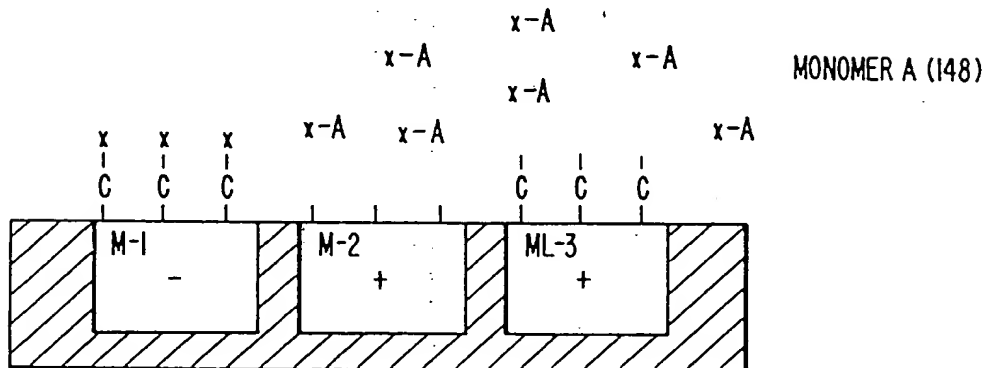
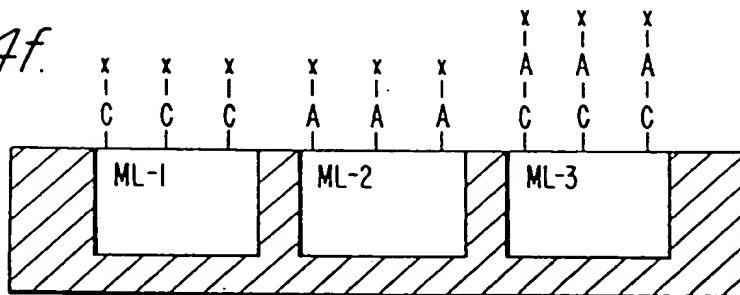
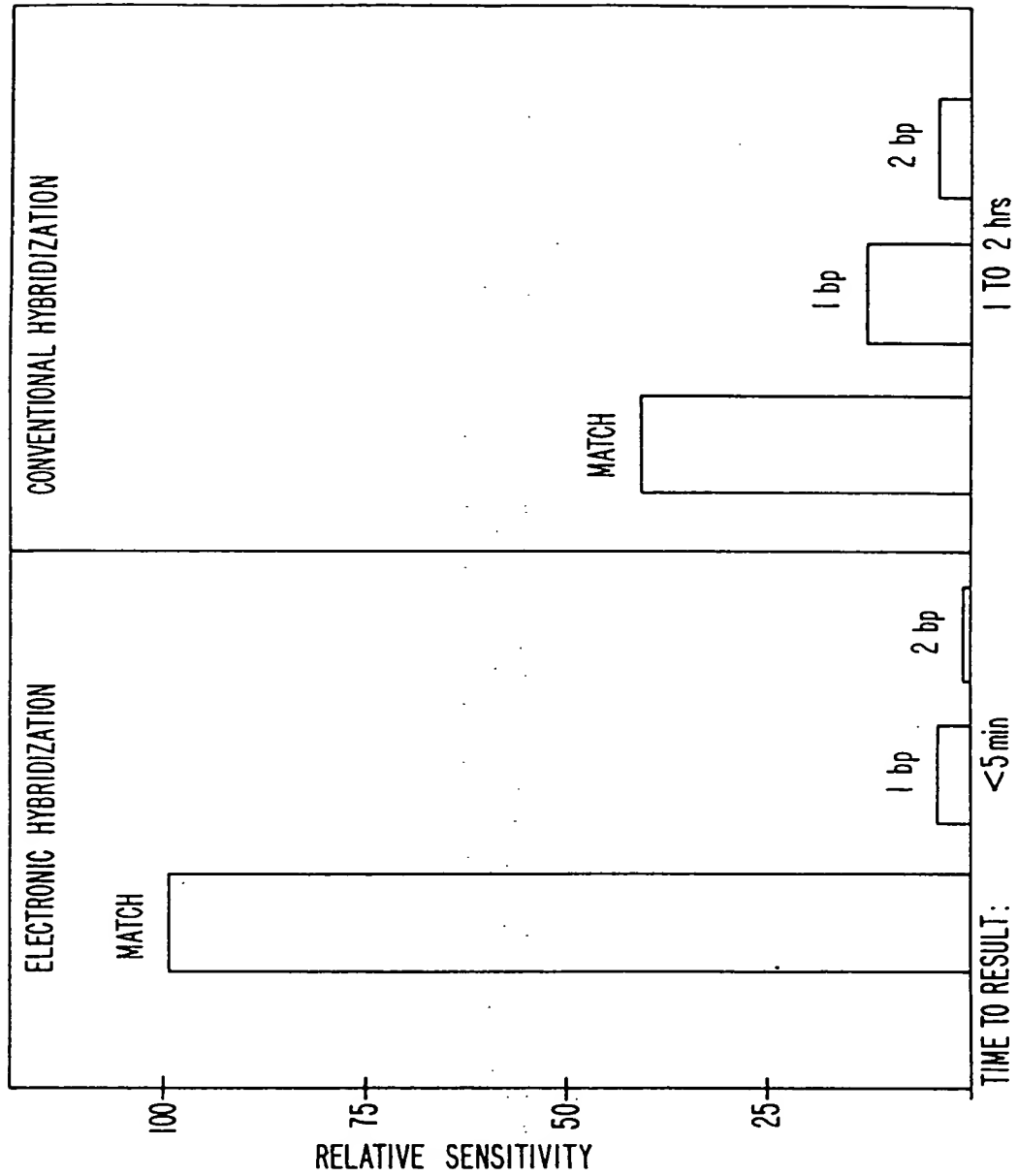


FIG. 14f.





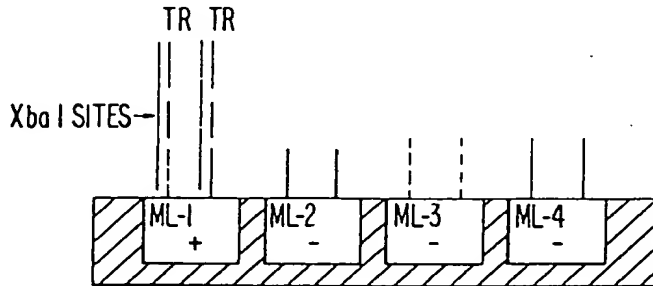
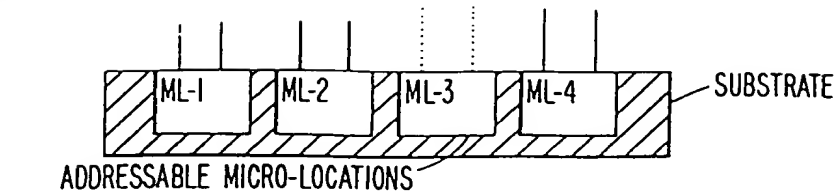
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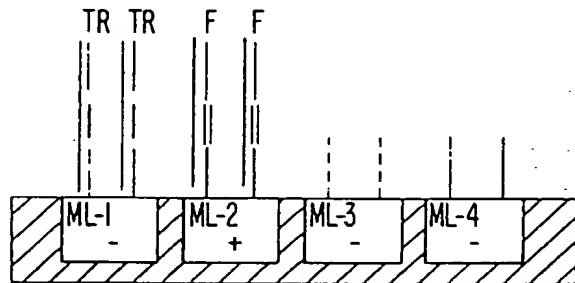


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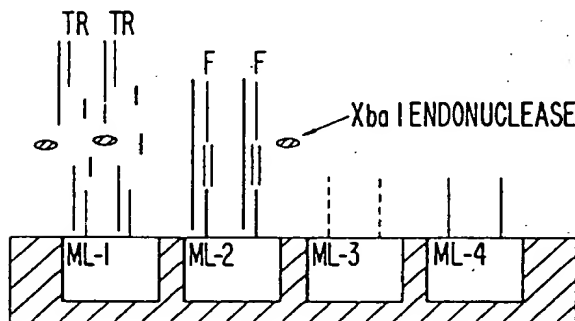
FIG. 16.



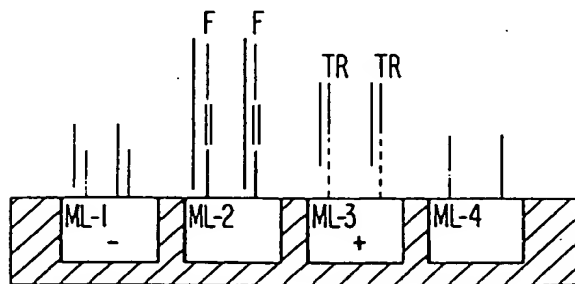
ADDRESS ML-1 WITH M13mp18
TARGET, RESTRICTION PROBE AND
TR PROBE (Xba I SITE)



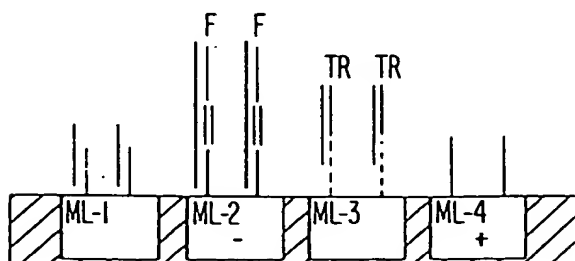
ADDRESS ML-2 WITH M13mp8
TARGET, RESTRICTION PROBE AND
F PROBE (NO Xba I SITE)



Xba I RESTRICTION DIGEST AT ML-1



RESTRICTION FRAGMENT MOVED TO ML-3

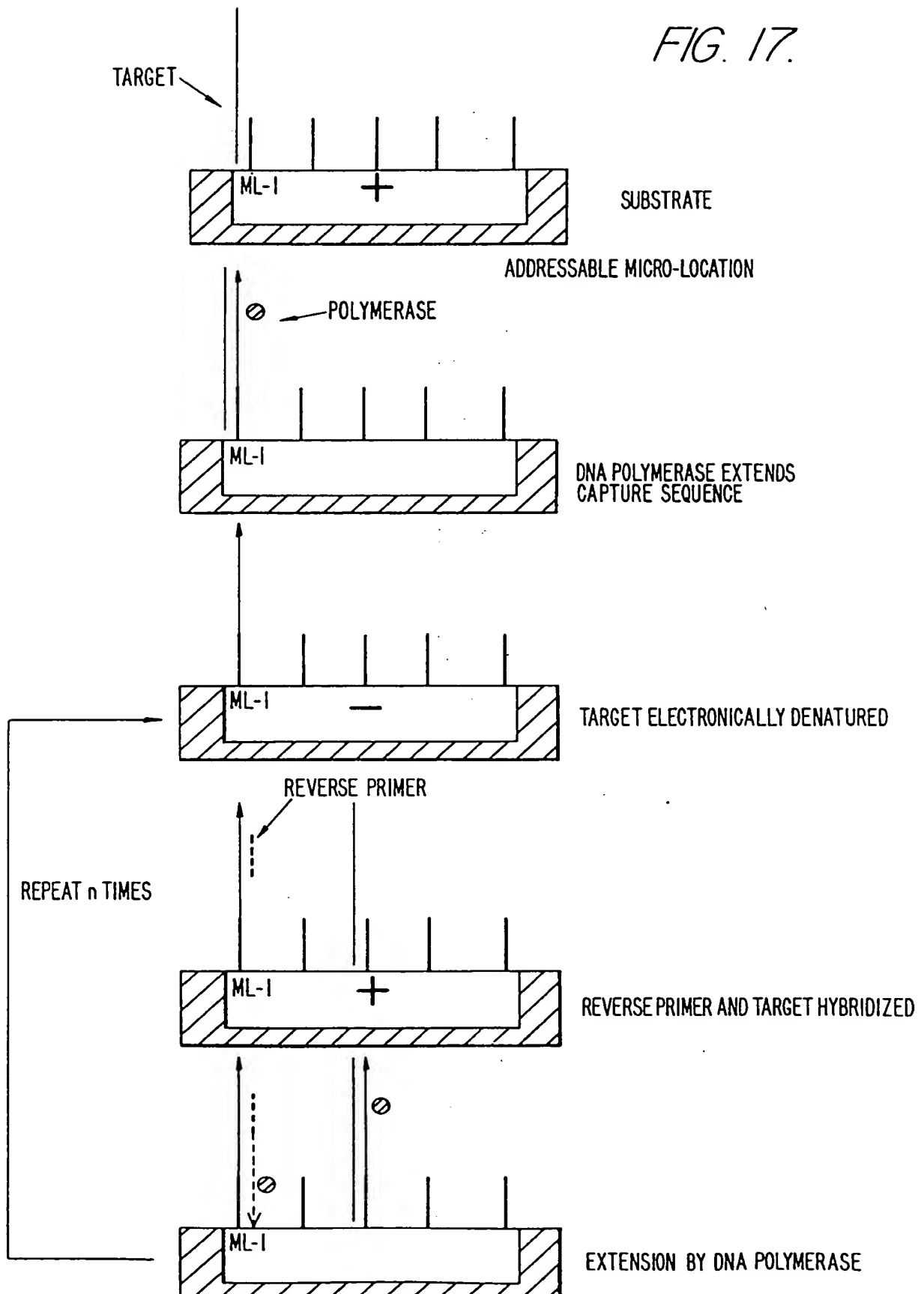


ML-2 NOT RESTRICTED BY Xba I



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FIG. 17.





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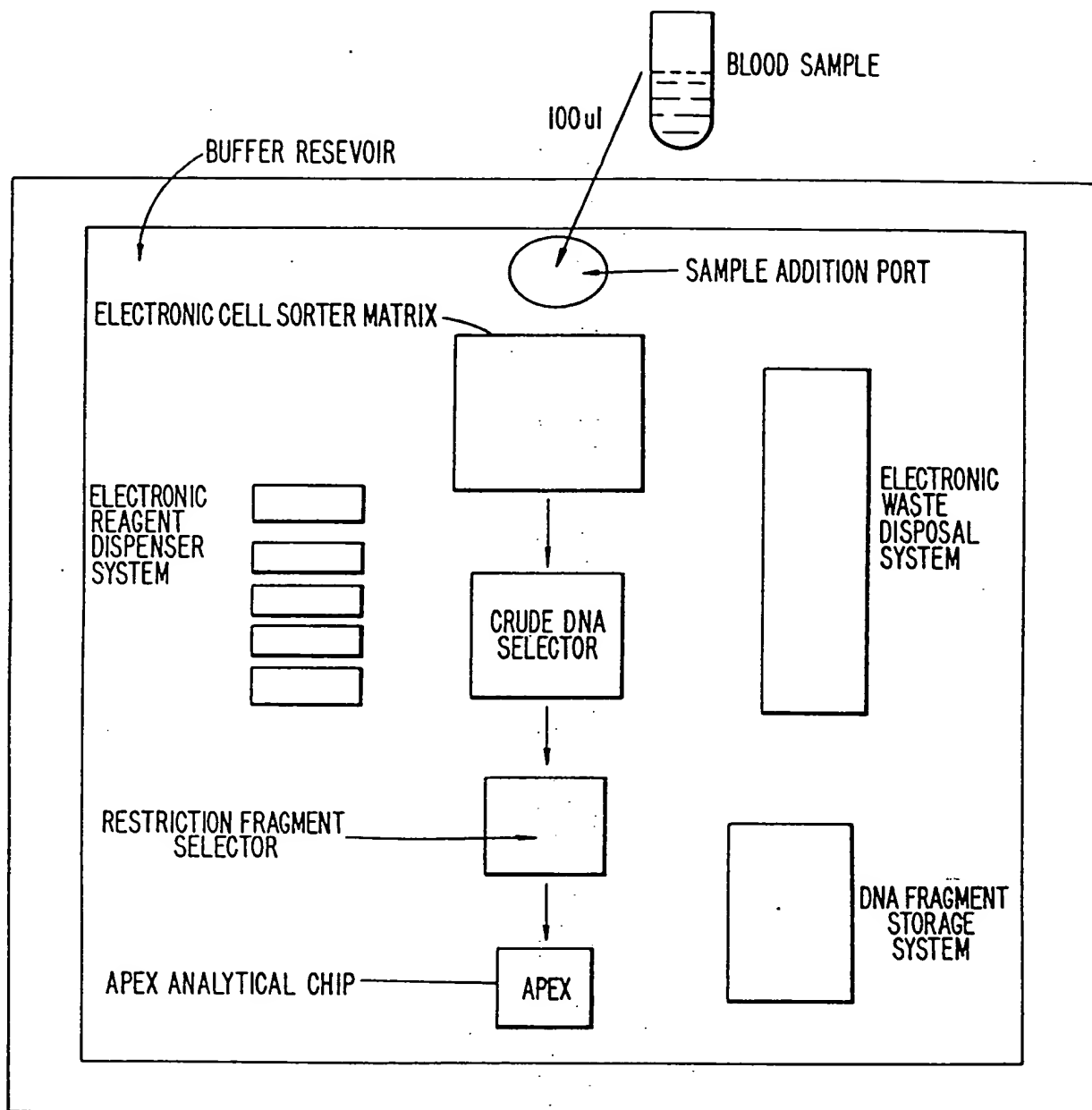


FIG. 18.